PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 234	FOR FURTHER ACTION	TION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)								
International application No.	International filing date (day/mont	nternational filing date (day/month/year) Priority Date (day/month/year)								
PCT/KR 2004/003309	15 December 2004 (15.1	2.2004)	16 December 2003 (16.12.2003)							
International Patent Classification (IPC) or nat	tional classification and IPC									
IPC8: C07D 211/90 (2006.01)										
SK CHEMICALS CO. LTD.	Applicant SK CHEMICALS CO. LTD.									
This international preliminary exa	minotion and back	1111								
and is transmitted to the applicant	according to Article 36.	ed by this i	nternational Preliminary Examination Authority							
2. This REPORT consists of a total of	2. This REPORT consists of a total of 3 sheets, including this cover sheet.									
This report is also accompa	This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule									
	e Administrative Instructions ur									
These annexes consist of a total of	f sheets.									
3. This report contains indications rel	ating to the following items:									
I. Basis of the opin	1. Basis of the opinion									
II. Priority										
III. Non-establishme	III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability									
IV. Lack of unity of										
V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement										
VI. Certain documer	nts cited									
VII. Certain defects i	n the international application									
VIII. Certain observations on the international application										
Date of submission of the demand	Date	of complet	ion of this report							
11 July 2005 (11.0	7.2005)	7	April 2006 (07.04.2006)							
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Name and mailing address of the IPEA/A	AT Autho	orized offic	er							
Austrian Patent Office			SLABY S.							
Dresdner Straße 87 A-1200 Vienna			SLADI S.							
Facsimile No. 1/53424/200	Telep	hone No.	1/53424/348							
C 0000000 (1000)										

Form PCT/IPEA/409 (cover sheet) (July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

PCT/KR 2004/003309

ŀ	1.		Basis of the report
1	1. 1	Witl	regard to the elements of the international application:*
	ĺ	X	the international application as originally filed
	[the description:
١			pages, as originally filed
1			pages, filed with the demand
ļ	_	_	pages, filed with the letter of
	L		the claims:
Ì			pages, as originally filed
ı			pages, as amended (together with any statement) under Article 19
ļ			pages, filed with the demand
			pages, filed with the letter of
			the drawings:
			pages, as originally filed
l			pages, filed with the demand
l			pages, filed with the letter of
İ	Г	٦	the sequence listing part of the description:
	_		pages, as originally filed
ļ			pages, filed with the demand
i			pages, filed with the letter of
12	2. V		
	w	hic	regard to the language, all the elements marked above were available or furnished to this Authority in the language in the international application was filed, unless otherwise indicated under this item.
l	T	hese	e elements were available or furnished to this Authority in the following language which is:
	Г		
			the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
	Г	_	the language of publication of the international application (under Rule 48.3(b)).
			the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).
3	. W	ith elin	regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international ninary examination was carried out on the basis of the sequence listing:
	L	_	contained in the international application in printed form.
	L	_	filed together with the international application in computer readable form.
	L	_	furnished subsequently to this Authority in written form.
	L	_	fumished subsequently to this Authority in computer readable form.
	L_	i	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the nternational application as filed has been furnished.
] [The statement that the information recorded in computer readable form is identical to the written sequence listing has
4.	Г	٠,	
7.	L_	, . ,	The amendments have resulted in the cancellation of: the description, pages
		Ĺ	the claims, Nos
		ſ	the drawings, sheets/fig
5.	_	_ 	
			is report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
*		L3 / 6	ment sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to sport as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and
**	10.1	<i>']</i> .	acement sheet containing such amendments must be referred to under item I and approved to this according

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

PCT/KR 2004/003309

V. Reasoned statement under Art citations and explanations sup	icle 35(2) porting si) with regard to novelty, inventive step or industrial applicability; such statement	
I. Statement	<u> </u>		
Novelty (N)	Claims	1-11	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-11	NO
Industrial applicability (IA)	Claims	1-11	YES
	Claims		NO
Citations and explanations (Rule 70.	7)		
The present application rela	ates to a	amlodipine gentisate (2,5-dihydroxy benzoate).	
The following documents a	re cons	sidered relevant:	
D1 EP 244944 A2 D2 WO 0279158 A1 D3 WO 0389414 A1			
succinale, salicylate and ac	cetate.	ical salts of amlodipine including mesylate, besylate. e and D3 discloses amlodipine nicotinate.	tosylate,
		nents discloses amlodipine gentisate, the subject r	natter is
nydroxyl substituent in the experimentation of a person Moreover, the surprising ef the description. Although ta comparable, since the besy The process for the preparatic technique for the preparatic	benzen skilled fect of tables 6 a vlate sall ation of aci	of amlodipine, which differs from the gentisate salt of the ring. Such a variation is considered to belong to do in the art. the gentisate salt is not apparent from the comparative and 7 show higher activity of the gentisate salt, the result is a racemic mixture while the gentisate salt is an (S) amlodipine gentisate according to claims 3-8 is a considered addition salts, since it is also disclosed in D2 and D3 owledged for the subject matter of the present claims.	o routine ve test in sult is not)-isomer. ventional
Industrial applicability is giv	en.		